

2020 CERTIFICATION

Consumer Confide	nce Report (CCR)	
Public Water S	System Name	
List PWS ID #s for all Community W	later Systems included in this CCR	
The Federal Safe Drinking Water Act (SDWA) requires each Communi Confidence Report (CCR) to its customers each year. Depending on the the customers, published in a newspaper of local circulation, or provid procedures when distributing the CCR.	population served by the PWS, this CCF	R must be mailed or delivered to
CCR DISTRIBUTION (Ch	eck all boxes that apply.)	
INDIRECT DELIVERY METHODS (Attach copy of publication, wat	er bill or other)	DATE ISSUED
□ Advertisement in local paper (Attach copy of advertisement)		
□ On water bills (Attach copy of bill)		
□ Email message (Email the message to the address below)		
□ Other		
DIRECT DELIVERY METHOD (Attach copy of publication, water b	ill or other)	DATE ISSUED
□ Distributed via U. S. Postal Mail		
□ Distributed via E-Mail as a URL (Provide Direct URL):		
□ Distributed via E-Mail as an attachment		
□ Distributed via E-Mail as text within the body of email message		
published in local newspaper (attach copy of published CCR or published CCR or published CCR or published CCR or published in local newspaper (attach copy of published CCR or published in local newspaper)	proof of publication)	6223692
□ Posted in public places (attach list of locations)		
Posted online at the following address (Provide Direct URL): WWW.). Yaroopsc. com water	- 612621
I hereby certify that the CCR has been distributed to the custome above and that I used distribution methods allowed by the SDWA and correct and is consistent with the water quality monitoring da Water Supply. Name	ers of this public water system in the . I further certify that the information	n included in this CCR is true
SUBMISSION OPTIONS (S	Select one method ONLY)	1/-
You must email, fax (not preferred), or mail a c		
Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700 Jackson, MS 39215	Fax: (601) 576-7800	(NOT PREFERRED)



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2020 Annual Drinking Water Quality Report City of Yazoo City PWS#: 0820014 May 2021

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water

If you have any questions about this report or concerning your water utility, please contact Ronnie Lewis at 662.998.2516. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Monday of the month at 7:30 AM at the Maintenance Office.

Our water source is from wells drawing from the Sparta Sand Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the City have received a lower to higher susceptibility rankings to contamination.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st, 2020. In cases where monitoring wasn't required in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Level 1 Assessment: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A very detailed study of the water system to identify potential problems and determine (if Possible) why an E.coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system.

				TEST RESU	JLTS				
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination	
Inorganic	Contam	inants							
10. Barium	N	2018*	.0038	.00290038	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
13. Chromium	N	2018*	3.5	2.2 – 3.5	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits	
14. Copper	N	2017/19*	,1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	

16. Fluoride**	N	2018*	744	.328744		ppm	4		4 Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2017/19*	0	0		ppb	0	AL	=15 Corrosion of household plumbing systems, erosion of natural deposits
Sodium	N	2019*	82000	71000 - 8200	0	ppb	0		Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	n By-l	Products	3						
81. HAA5	N	2020	20	13 - 20	ppb		0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2020	28.8	21.03 – 28.8	ppb		0	80	By-product of drinking water chlorination.
Chlorine	N	2020	1	.4 – 1.7	mg/l		0	MD RL	Water additive used to control microbes

^{*} Most recent sample. No sample required for 2020.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississispip State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our water system is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.6-1.2 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.6-1.2 ppm was 81%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Public Service Comm. of Yazoo City works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

^{**} Fluoride level is routinely adjusted to the MS State Dept of Health's recommended level of 0.6 - 1.2 mg/l.

PROOF OF PUBLICATION OF NOTICE The State of Mississippi County of <u>YAZOO</u>

Personally appeared before me, the undersigned Notary Public in and for the County and State aforesaid JASON PATTERSON, who being by me first duly sworn state on oath, that he is PUBLISHER of the YAZOO HERALD, a newspaper published in the City of Yazoo City, State and County aforesaid, and that the publication of the notice, a copy of which is hereto attached, has been made in said paper 2 times as follows.

Vol. No. 149	Vol. No
Number <u>74</u> Dated <u>00/02</u> , 20 <u>2/</u>	Number Dated, 20
Vol. No. <u>/50</u> Number <u>/</u> Dated <u>06/09</u> , 20 <u>Z</u> /	Vol. No Number Dated, 20
Vol. No Number Dated, 20	Vol. No Number Dated, 20
Vol. No Number Dated, 20	Vol. No Number Dated, 20
Affiant further states that said next prior to the first-publication	newspaper has been established for at least twelve months on of said notice.
(Signed) Author Vottle Jamie Patterson Publisher	ison
Sworn to and subscribed before	re me, this 10^{+h} day of $\frac{\text{August}}{\text{100}}$, 20^{-21}
(Signed) Sheila D. Trimm-Yo Notary Public	ung: Misson.
Legal Number 4x16 mn Words 64 inches	ID # 60255
Time 2	SHEILA D. TRIMM-YOUNG
Amount of legal \$ 640 x Z	Commission Expires
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Flemming (from page 8): Try these recipes for a great addition

This is where we get the phrase threshold. *England is old and

small and the folks started running out of places to bury people. They would dig up coffins and take the bones to a bone-house and reuse the grave. When reopening the coffins, 1 out of 25 were found to have scratch marks on the inside and they realized they were burying people

Then they started to tie a string on the wrist of the corpse, lead it through the coffin and up through the ground and tie it to a bell. Someone would have to sit out in the graveyard all night – the grave-yard shift – to listen for the bell. Someone could be saved by the bell or was considered a dead

Hope you will give today's recipes a try. They are great addi-tions to any meal. Thanks for reading.

LEDBETTER MASHED POTATOES

Boxed Mashed Potatoes - Make recipe for 12 servings according to

Add:

- 1 (8 oz.) cream cheese,
- cut into cubes
- 1 cup sour cream
- 1 Tsp. Accent 1 tsp. salt
- 1 tsp. pepper 2 cups grated Sharp Cheddar Cheese

Mix all ingredients. Pour into a greased 9 x 12 inch baking dish and bake at 350 degrees for 30 minutes.

*You may top with additional cheese at the end of baking.

> MARINATED GRILLED VEGETABLES

1 (6 oz.) zucchini, cut into rounds

I (6 oz.) yellow squash, cut into rounds 1/2 yellow bell pepper,

cut into strips
% green bell pepper,
cut into strips

½ red onion, cut into

strips 1 (8 oz.) pkg. white button mushrooms 1 cup cherry tomatoes 1/2 cup olive oil

½ cup soy sauce ½ cup lemon juice

1 clove garlic, minced 1 tsp. salt

1 tsp. pepper

Place vegetables in a gallon ZipLoc bag. Whish together remain-ing ingredients; pour over vegetables and seal bag. Refrigerate for at least 30 minutes. Remove vegetables from marinade and place in large grill basket; place on grill and cook for 15 - 20 minutes or until tender.

SPINACH and ARTICHOKE RICE CASSEROLE

4 cups cooked rice 1 (10 oz.) pkg. frozen chopped spinach, thawed and squeezed

dry
1 (14 oz.) can artichoke hearts, drained and chopped

1 ½ cups shredded Parmesan cheese

1 (8 oz.) pkg. cream cheese, softened

1 (15 oz.) container Ricotta cheese 3 cups shredded Moz-zarella cheese

% cup milk ¼ tsp. garlic powder ¼ tsp. onion powder

Preheat oven to 325 and spray a 9 x 12 inch baking dish with non-stick cooking spray. In a large bowl, beat to-gether cream cheese, ricotta, milk, garlic powder, and onion pow-der. Add cooked rice, spinach, artichoke hearts, 1½ cups Mozzarella, and 1 cup Parmesan cheese; mix well. Spoon into pre-pared baking dish and top with remaining Mozzarella can Parmesan cheeses. Bake, un-covered, for 40 - 45 minutes

Email Jamie Patterson at The Yazoo Herald to submit all your announcements! jamie@yazooherald.net

TWO DAY ESTATE AUCTION OF THE HIGHLY ANTICIPATED 40 YEAR COLLECTION OF THE LATE JACK MATHEMS

Sat. June 5th and Sun. June 6th

State State

This will be the faced many section in language these estate, are info at 170-672-1731 or this the website for fall treats of safe, videos and photon UA IN PROPERTY SECTIONS LC. 8 1385

www.PondersAuctions.com

2020 ANNUAL DRINKING WATER QUALITY REPORT CITY OF YAZOO CITY

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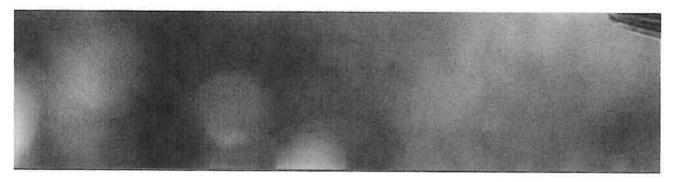
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				TEST RI	ESULT	S			
Сопаливия	Violation Y/N	Date Collected	Lovel Detected	Range of Detect # of Sample Exceeding MCL/ACL	or Un Meas	ure	MCL		Likely Source of Contamination
Inorganic (Contam	inants							Contract of the
10 Barium	N	2018"	.0038	,00290038	יזיעקק			2	Discharge of chains wastes; discharge from metal refinence erosion of natural deposits
13. Oversium	N	2018*	3.5	2.2-3.5	ppb	100			Discharge from steel and put; mile: emsion of natural depose
14. Copper	N	2017/19*	.1	C	ppm	1.3	plumbing natural o		Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives.
16. Fluonce	N	2018	344	220 - 344	Donn		112	4	Erosion of natural deposits, water additive which promotes strong teeth; decharge from tertiager and eleminum factories
17. Lead	N	2017/19	0	0	pob	0	A	×15	Corrector of household plumbing systems, crosson of network deposits
Sodium	N	2019-	82000	71000 - 82000	ממ	0	in.	0	Road Sat. Water Treatment Chemicals, Water Softeners an Sewage Effluents.
Disinfection	n By-P	roducts		KCDUL IIW					
B1. MAAS	N	2020 2	0	3-20	ppb	0	0 60 By		Product of drinking water
02. (TrtN (Tota) tnhslomethanes)	N	2020 2	8.8	21 03 - 28.3	ppb		© 80 By-p		product of drinking water structure.
Chlorine	N	2020 1		4 - 1.7	mg/l	0	MD RL		or additive weed to control robos

The Public Service Comm. of Yamo City works around the cook to provide top quality water to o our water sources, which are the heart of our community, our very of title and our children's jubra

PWS#: 0820014 MAY 2021



Water Quality Reports

The Federal Safe Drinking Water Act requires each public water sys The CCR for your system can be found in the calendar year below. If

<u>2012 2013 2014 2015 2016 2017 2018 2019</u> 2020

Boil Water Notices

To check Boil Water notices click the link below:

Boil Water Notices

Residential Water Rates